

## Section 1. Product and Company Identification.

**1.1 Model Number;** DH272 v1  
**1.2 Description;** Baridi Double Hinged Door Back Bar Drinks Fridge/Cooler, 193L Capacity  
Refrigerant R600a Isobutane

**1.3 Manufacturer;**

Dellonda.  
Kempson Way,  
Bury St. Edmunds,  
Suffolk.  
IP32 7AR

**1.4 Emergency telephone number;** 44 (0) 1284 757 500 (Office Hours)

**Date of source compilation;** 03/01/2024

## Section 2. Hazards Identification.

Not relevant to Model Number identified in 1.1 with Description stated in 1.2.

## Section 3. Substances.

3.1 Chemical Name (substance)	3.1 CAS No.	3.2 Concentration Weight	Classification	
			Hazard Class & Category Code	Hazard Statements <sup>1</sup>
Isobutane	75-28-5	99.0-99.9%	Flam. Gas 1 Press. Gas	H220

<sup>1</sup>For full text of Statements, see Section 16.

## Section 4. First Aid Measures.

**4.1 Description of first aid measures**

**Inhalation**

Immediately remove person to fresh air.  
Seek medical attention immediately.

**Skin Contact**

Flush area with cold water.  
If irritation persists, seek medical attention.

**Eye Contact**

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.  
If irritation persists, seek medical attention.

**Ingestion**

Not a primary route of exposure.  
Seek medical attention

## **Section 5. Fire Fighting Measures.**

### **5.1. Extinguishing media**

Water. Carbon Dioxide. Dry Chemical.

### **5.2. Special hazards arising from the substance or mixture**

Gas may travel a considerable distance to an ignition source due to it being heavier than air.

### **5.3. Advice for fire-fighters**

Stop flow of gas.

Use water spray to cool exposed containers.

Increase ventilation.

Extinguish sources of ignition

## **Section 6. Accidental Release Measures.**

### **6.1. Personal precautions, protective equipment and emergency procedures**

Evacuate area.

Ventilate area.

Prevent / remove sources of ignition.

### **6.2. Environmental precautions**

No data available

### **6.3. Methods and material for containment and cleaning up**

No data available

### **6.4. Reference to other sections**

See Section 7 for information on Safe Handling

See Section 8 for information of Personal Protective Equipment.

See Section 13 for information on disposal.

## **Section 7. Handling and Storage.**

### **7.1. Precautions for safe handling**

No data available

### **7.2. Conditions for safe storage, including any incompatibilities** Store in cool, dry, well-ventilated area.

Do not allow temperature to exceed 54 °C. Full and empty containers should be separated.

### **7.3. Specific end use(s)**

Intended for use as the refrigerant gas for the Model Number identified in 1.1 with Description stated in 1.2.

## Section 8. Exposure Controls/Personal Protection.

### 8.1. Control parameters

No data available

### 8.2. Exposure controls

#### Appropriate Engineering Controls

Safety shoes to be worn.

Eyewash station.

#### Eye/Face Protection

Safety goggles that meet specification EN 166

#### Skin Protection

Protective gloves made from rubber.

#### Respiratory Protection

Use local exhaust to prevent gas accumulating.

Ventilate area.

## Section 9. Physical and Chemical Properties.

### 9.1. Information on basic physical and chemical properties

**The following information is not a technical specification or sales specification.**

(a) Appearance:	Colourless
(b) Odour:	Odourless
(c) Odour threshold;	No data available
(d) pH:	No data available
(e) Melting point;	-159.6°C (-255.3°F)
(f) Initial boiling point;	-11.7°C (10.9°F)
(g) Flash point;	-82.8°C (-117°F)
(h) Evaporation rate;	No data available
(i) Flammability (solid, gas);	No data available
(j) Upper/lower flammability or explosive limits;	Upper, 8.4 % Lower, 1.8 %
(k) Vapour pressure;	No data available.
(l) Vapour density;	No data available.
(m) Relative density;	No data available
(n) Solubility(ies);	Slightly soluble in water
(o) Partition coefficient: n-octanol/water;	No data available
(p) Auto-ignition temperature;	No data available
(q) Decomposition temperature;	No data available
(r) Viscosity;	No data available
(s) Explosive properties;	No data available
(t) Oxidising properties.	No data available

### 9.2 Other information

No data available

## Section 10. Stability and Reactivity.

10.1. Reactivity	No data available
10.2. Chemical stability	Stable
10.3. Possibility of hazardous reactions	No data available
10.4. Conditions to avoid	High Temperatures at 435°C (815°F)
10.5. Incompatible materials	Oxidizers
10.6. Hazardous decomposition products	Carbon monoxide and Carbon dioxide

## Section 11. Toxicological Information.

11.1. Information on toxicological effects  
No data available

## Section 12. Ecological Information.

12.1. Toxicity	No data available
12.2. Persistence and degradability	No data available
12.3. Bioaccumulative potential	No data available
12.4. Mobility in soil	No data available
12.5. Results of PBT and vPvB assessment	No data available
12.6. Other adverse effects	No data available

## Section 13. Disposal Considerations.

13.1. Waste treatment methods  
Return in the shipping container Properly labelled, with any valve outlet plugs or gaps secured and valve protection cap in place to Advanced Gas Technologies for proper handling.

## Section 14. Transport Information.

### ADR. International Carriage of Dangerous Goods by Road.

<b>14.1. UN number</b>	UN 3358
<b>14.2. Name and Description</b>	Refrigerating machines containing flammable, non-toxic, liquefied gas
<b>14.3. Class</b>	2
<b>14.4. Packing group</b>	-
<b>14.5. Environmental hazards</b>	Does not present an environmental hazard.
<b>14.6. Special precautions for user</b>	No special precautions necessary.

#### Special Provision 291

Refrigerating machines and refrigerating machine components are not subject to the requirements of ADR if they contain less than 12 kg of gas.

### IATA. International Air Transport Association.

<b>14.1. UN number</b>	UN 3358
<b>14.2. UN Proper Shipping Name/Description</b>	Refrigerating machines containing flammable, non-toxic, liquefied gas
<b>14.3. Class or Division</b>	2.1
<b>14.4. Packing group</b>	-
<b>14.5. Environmental hazards</b>	Does not present an environmental hazard.
<b>14.6. Special precautions for user</b>	No special precautions necessary.

#### Special Provision A103

Refrigerating machines and refrigerating machine components are considered not subject to these Regulations if containing less than 100 g of flammable, non-toxic, liquefied gas.

### IMDG. International Maritime Dangerous Goods.

<b>14.1. UN number</b>	UN 3358
<b>14.2. UN proper shipping name</b>	Refrigerating machines containing flammable, non-toxic, liquefied gas
<b>14.3. Class</b>	2.1
<b>14.4. Packing group</b>	-
<b>14.5. Environmental hazards</b>	Does not present an environmental hazard.
<b>14.6. Special precautions for user</b>	No special precautions necessary.
<b>14.7. Transport in bulk – Maritime only.</b>	Bulk transport is not applicable to this product

#### Special Provision 291

Refrigerating machines and refrigerating machine components are not subject to the provisions of this Code if they contain less than 12 kg of gas.

## Section 15. Regulatory Information.

**15.1.** Safety, health and environmental regulations/legislation specific for the substance or mixture  
No data available

**15.2.** Chemical safety assessment  
No data available

## Section 16. Additional Information.

Full text of Phrases and Statements used in Section 3;  
H220 Extremely flammable gas.

The above information is believed to be accurate and represents the best information currently available.

No warranty is expressed or implied by the above information.

We assume no liability resulting from use of the above information.

The end user should conduct their own investigations to determine the suitability of the above information for their particular purpose.

Issue level	Date	Revisions
1	03/07/2024	First issue.

End of Safety Data Sheet.